

AN ELEVATED AND LOWER KEYBOARD APPARATUS

Abstract

An elevated and lower and lower keyboard apparatus comprises a base, plural of key-top-lids, plural of scissors-devices and a guiding board. The scissors-device comprises a first connection rod and a second connection rod, which are intersected to form a turning scissors configuration, which is arranged between the base and the key-top-lid. Through the confinement of the scissors-device, the key-top-lid may make a rise-up and lower-down motion relatively to the base. In a movable manner, the guiding board is arranged on the base to process a movement between a first position and a second position. Relative to the plural of scissors-devices, there are plural of guiding blocks formed on the guiding board. When the guiding board moves from the second position to the first position, the guiding block presses upon the second connection rod and makes the second connection rod move closely to the base, and further, relatively to the base, it makes key-top-lid lowering down. When the guiding block moves from the first position to the second position, through an elastic body, it can rise up the key top-lid relatively to the base.

KEYBOARD APPARATUS